

TABLE 63

Federally financed higher education R&D expenditures, financed by the National Aeronautics and Space Administration, ranked by NASA R&D expenditures, by R&D field: FY 2022

(Dollars in thousands)

Institution	Rank	NASA R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
All institutions	-	2,044,072	27,517	525,426	89,305	20,385	673,259	16,575	15,289	5,005	660,630	10,681
Johns Hopkins U. ^a	1	426,124	10,526	61,698	1,018	17,009	78,981	0	0	73	256,819	0
U. Colorado Boulder	2	166,203	231	34,173	377	81	52,258	0	0	131	78,933	19
California Institute of Technology	3	83,886	0	20,067	558	0	62,401	0	0	0	860	0
U. California, Berkeley	4	74,073	0	881	857	0	69,307	0	0	1,278	1,750	0
U. Maryland ^b	5	73,862	127	24,221	785	0	39,592	0	6,342	324	2,471	0
U. Arizona	6	60,760	0	1,577	1,159	0	54,256	0	190	0	3,578	0
U. New Hampshire	7	49,867	0	49,270	107	0	213	0	0	0	70	207
Arizona State U.	8	49,398	1	42,269	825	0	2	1	2,248	427	3,570	55
U. Iowa	9	42,072	0	0	0	0	40,607	0	226	0	1,232	7
Utah State U.	10	40,850	0	0	785	0	560	0	0	0	39,505	0
Massachusetts Institute of Technology	11	40,331	253	5,854	29	53	20,858	0	0	641	12,583	60
U. Oklahoma, Norman and Health Science Center	12	37,076	0	36,097	57	0	779	0	0	0	143	0
U. Alabama, Huntsville	13	33,436	3,985	14,693	25	0	7,919	0	0	0	6,814	0
U. California, Los Angeles	14	31,788	0	24,250	320	0	3,441	0	841	0	2,936	0
U. Michigan, Ann Arbor	15	27,890	0	483	614	68	2,889	16	54	0	23,766	0
U. Maryland, Baltimore County	16	27,592	444	14,233	17	0	12,284	2	0	0	552	60
U. Alaska, Fairbanks	17	22,954	24	17,374	113	0	4,789	0	0	160	494	0
Columbia U. in the City of New York	18	21,796	69	13,684	614	0	4,596	0	0	0	2,833	0
U. Washington, Seattle	19	20,794	125	8,683	1,993	0	3,217	0	36	0	6,674	66
Stanford U.	20	19,608	0	1,605	1,002	0	11,540	0	178	0	4,286	997
Pennsylvania State U., University Park and Hershey Medical Center	21	18,875	23	3,021	189	45	10,900	0	0	0	4,648	49
Catholic U. of America	22	18,342	0	0	0	0	17,890	0	0	0	452	0
San Jose State U.	23	17,474	0	967	0	0	351	16,106	0	0	50	0
U. Texas, Austin	24	17,385	558	2,417	442	198	3,920	0	0	0	9,850	0
Baylor C. of Medicine	25	16,360	0	0	16,360	0	0	0	0	0	0	0
Princeton U.	26	15,677	0	518	0	0	14,406	0	0	0	753	0
Georgia Institute of Technology	27	14,950	165	2,950	135	93	4,338	0	0	0	7,085	184
U. California, San Diego	28	13,781	214	7,679	522	0	2,994	0	0	0	2,372	0
U. Wisconsin-Madison	29	13,728	704	5,562	3,998	0	2,344	0	7	40	1,073	0
Purdue U., West Lafayette	30	13,223	45	2,744	309	0	518	0	0	0	9,607	0
U. Florida	31	11,394	1	375	3,015	0	1,354	0	26	0	6,459	164
U. Hawaii, Manoa	32	11,011	31	6,063	95	0	4,705	0	0	0	117	0
U. Illinois, Urbana-Champaign	33	10,846	65	1,245	465	3	2,749	1	73	0	6,146	99

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Federally financed higher education R&D expenditures, financed by the National Aeronautics and Space Administration, ranked by NASA R&D expenditures, by R&D field: FY 2022

(Dollars in thousands)

Institution	Rank	NASA R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Colorado State U., Fort Collins	34	10,455	0	6,148	2,413	60	0	0	0	180	1,654	0
Boston U.	35	10,452	0	3,586	0	0	5,066	0	0	0	1,527	273
Texas A&M U., College Station and Health Science Center	36	10,168	0	2,968	1,219	35	908	0	0	0	5,038	0
Washington U., Saint Louis	37	9,549	44	4,205	0	0	4,141	0	0	0	1,159	0
Harvard U.	38	9,545	81	4,895	510	0	3,212	0	31	0	816	0
Ohio State U.	39	9,173	0	947	161	15	2,435	0	0	60	5,314	241
U. Central Florida	40	8,863	714	0	129	0	3,173	0	0	0	4,847	0
Cornell U.	41	8,604	58	1,036	929	0	4,499	0	0	0	2,082	0
U. Chicago	42	8,437	0	2,491	0	0	5,946	0	0	0	0	0
Woods Hole Oceanographic Institution	43	8,406	0	7,690	0	0	0	0	0	0	716	0
U. Minnesota, Twin Cities	44	8,267	0	632	1,838	23	4,462	0	82	0	1,230	0
George Mason U.	45	8,244	45	6,012	0	0	1,647	0	0	0	356	184
U. California, Davis	46	7,974	0	267	1,023	0	959	0	0	0	5,725	0
Montana State U., Bozeman	47	7,810	1	521	673	0	3,952	0	0	1,099	1,404	160
Carnegie Mellon U.	48	7,239	2,468	494	0	0	450	0	0	0	3,827	0
U. California, Santa Barbara	49	6,825	0	3,000	0	0	3,025	0	0	0	800	0
Oregon State U.	50	6,492	38	3,061	2,375	0	260	26	0	30	125	577
Auburn U., Auburn	51	6,286	15	16	208	0	1,486	0	0	0	4,561	0
U. California, Santa Cruz	52	6,264	0	1,651	220	0	4,183	0	0	0	210	0
Morgan State U.	53	5,622	0	5,483	0	0	0	0	0	0	70	69
Dartmouth C. and Dartmouth Hitchcock Medical Center	54	5,554	0	386	600	0	3,559	0	142	22	845	0
U. Delaware	55	5,475	46	536	385	0	2,606	0	0	0	1,902	0
Virginia Polytechnic Institute and State U.	56	5,171	0	277	510	1	147	0	25	0	4,211	0
U. California, Irvine	57	5,167	0	2,159	1,006	0	1,099	0	0	0	903	0
Michigan Technological U.	58	5,115	5	1,824	0	0	0	0	6	0	3,280	0
New Mexico State U.	59	4,873	0	617	32	0	2,466	0	0	0	1,688	70
Brown U.	60	4,764	31	2,993	0	0	1,414	0	0	0	326	0
SUNY, Stony Brook U.	61	4,578	68	2,659	612	0	719	0	0	236	244	40
Texas State U.	62	4,480	0	318	187	0	260	0	0	0	713	3,002
Rice U.	63	4,431	3	1,390	59	0	1,837	15	0	0	1,127	0
U. Virginia, Charlottesville	64	4,419	359	525	601	0	2,078	0	0	0	856	0
Northern Arizona U.	65	4,351	0	1,015	715	0	2,598	0	0	23	0	0
Louisiana State U., Baton Rouge	66	4,307	15	678	197	0	1,927	0	0	0	479	1,011
U. Tennessee, Knoxville	67	4,277	0	1,120	138	0	0	0	0	0	3,019	0

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Federally financed higher education R&D expenditures, financed by the National Aeronautics and Space Administration, ranked by NASA R&D expenditures, by R&D field: FY 2022

(Dollars in thousands)

Institution	Rank	NASA R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
U. South Carolina, Columbia	68	4,119	127	131	328	0	186	0	0	0	3,347	0
West Virginia U.	69	4,085	70	65	34	0	923	0	0	0	2,992	1
Hampton U.	70	4,035	0	1,351	0	0	2,684	0	0	0	0	0
U. Utah	71	4,027	334	48	17	455	0	0	707	0	2,466	0
U. Toledo	72	4,013	0	0	0	0	550	0	0	0	1,995	1,468
Iowa State U.	73	3,972	107	20	192	0	285	0	8	0	3,360	0
Michigan State U.	74	3,930	0	64	471	99	633	0	1,708	0	953	2
New Jersey Institute of Technology	75	3,917	0	0	0	32	3,766	0	0	0	119	0
Northwestern U.	76	3,872	0	90	137	0	2,138	0	0	0	1,244	263
U. New Mexico	77	3,851	76	1,259	83	0	1,401	0	0	0	1,032	0
U. Pennsylvania	78	3,635	0	145	1,581	0	1,482	0	0	0	427	0
Case Western Reserve U.	79	3,629	0	369	23	0	787	0	0	0	2,450	0
U. Texas, El Paso	80	3,569	425	145	125	0	49	0	0	0	2,825	0
U. Southern California	81	3,539	562	419	303	0	68	0	0	0	2,187	0
U. Massachusetts, Amherst	82	3,520	161	263	270	0	1,169	0	0	0	1,657	0
U. Houston	83	3,277	0	843	1,356	0	166	10	0	0	902	0
U. Idaho	84	3,258	12	479	316	0	925	0	253	0	1,273	0
U. Miami	85	3,246	0	2,345	78	0	738	0	0	0	85	0
Florida State U.	86	3,160	28	1,327	419	0	306	0	0	0	1,080	0
Colorado School of Mines	87	3,060	142	704	111	0	679	0	0	0	1,424	0
Rutgers, State U. New Jersey, New Brunswick	87	3,060	0	1,329	436	0	776	0	0	0	519	0
Vanderbilt U. and Vanderbilt U. Medical Center	89	3,032	340	254	240	0	327	0	0	0	1,871	0
Duke U.	90	3,027	0	230	1,017	0	405	0	0	0	1,375	0
Oklahoma State U., Stillwater	91	2,981	0	0	1	0	190	0	126	0	2,313	351
U. Kansas	92	2,955	0	329	70	0	780	0	0	0	1,776	0
Rochester Institute of Technology	93	2,836	0	0	9	563	2,215	0	0	0	49	0
Georgetown U.	94	2,802	0	0	2,755	0	47	0	0	0	0	0
Wichita State U.	95	2,752	0	0	0	0	246	0	0	0	2,477	29
American U.	96	2,621	0	108	0	8	2,505	0	0	0	0	0
U. California, Riverside	97	2,589	0	1,632	0	0	880	0	0	0	77	0
Yale U.	98	2,572	0	727	596	0	704	0	0	0	545	0
Rensselaer Polytechnic Institute	99	2,569	89	850	0	0	285	0	0	0	1,345	0
U. Texas, San Antonio	100	2,568	0	1,443	0	0	829	0	17	0	259	20
CUNY, City C.	101	2,559	0	1,053	51	0	0	0	0	0	1,455	0

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U. Kentucky	102	2,553	0	85	19	0	531	0	0	0	1,918	0
North Carolina State U.	103	2,512	0	351	654	150	94	69	0	0	1,194	0
U. North Dakota	104	2,507	65	1,345	0	0	0	0	0	0	1,097	0
U. Massachusetts, Lowell	105	2,414	0	179	0	0	1,575	0	0	0	660	0
George Washington U.	106	2,367	0	0	1,075	0	753	0	9	9	454	67
U. South Florida ^c	107	2,354	0	2,112	0	0	1	0	0	0	241	0
U. Southern Mississippi	108	2,327	12	111	0	0	1,134	0	0	0	1,070	0
U. Alabama, Birmingham	109	2,244	0	0	0	0	22	0	0	0	2,222	0
U. Connecticut	110	2,243	0	485	433	0	331	0	4	0	990	0
Texas Tech U.	111	2,218	0	1,212	0	0	444	0	0	0	562	0
U. Texas, Arlington	112	2,188	0	0	0	0	1,676	0	0	0	512	0
C. Charleston	113	2,136	23	1,740	59	0	154	0	0	0	158	2
Brigham Young U., Provo	114	2,096	0	84	0	83	492	0	0	0	1,437	0
U. Nevada, Las Vegas	115	2,066	20	467	292	0	916	0	0	0	371	0
U. of the District of Columbia	116	2,057	0	0	0	0	0	0	0	0	2,057	0
U. Texas, Dallas	117	2,055	0	0	0	33	2,005	0	0	0	17	0
U. Montana, Missoula	118	2,050	0	412	1,370	0	268	0	0	0	0	0
U. Maine	119	1,974	5	1,147	387	0	0	0	0	97	337	1
U. Pittsburgh, Pittsburgh	120	1,959	0	520	246	0	641	0	0	0	521	31
Florida International U.	121	1,948	0	366	68	0	0	0	76	0	1,438	0
Clemson U.	122	1,886	0	0	0	0	1,886	0	0	0	0	0
Mississippi State U.	123	1,873	0	137	0	0	83	0	0	0	1,653	0
U. Nevada, Reno	124	1,863	110	1,081	99	3	17	0	0	0	553	0
U. Rochester	125	1,825	0	383	620	0	577	0	0	0	245	0
Boise State U.	126	1,810	15	289	85	68	362	0	0	0	991	0
U. North Carolina, Chapel Hill	127	1,804	0	1,267	16	0	378	0	0	0	143	0
Morehead State U.	128	1,799	0	0	0	0	0	0	0	0	1,799	0
North Carolina A&T State U.	129	1,792	0	0	0	0	2	0	0	0	1,790	0
U. Puerto Rico, Rio Piedras	130	1,775	0	45	0	0	1,730	0	0	0	0	0
U. Notre Dame	131	1,667	231	0	49	0	606	0	0	0	781	0
California State U., Monterey Bay	132	1,656	0	12	1,644	0	0	0	0	0	0	0
U. Alabama, Tuscaloosa	133	1,619	20	192	0	0	431	0	208	0	768	0
Florida Institute of Technology	134	1,597	0	653	0	0	554	7	0	0	353	30
New York U.	135	1,572	159	24	0	418	759	0	140	0	72	0

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Embry-Riddle Aeronautical U.	136	1,552	96	86	0	0	1,288	0	0	0	79	3
Sonoma State U.	137	1,499	0	1,478	0	0	0	0	0	0	0	21
U. Vermont	138	1,497	0	0	0	0	0	0	0	0	1,497	0
U. Texas Southwestern Medical Center	139	1,494	0	0	1,494	0	0	0	0	0	0	0
Washington State U.	140	1,454	0	67	694	0	245	0	89	0	359	0
U. Wyoming	141	1,437	0	214	6	0	191	0	0	0	1,026	0
U. Georgia	142	1,413	0	204	45	0	376	236	534	0	18	0
Loma Linda U.	143	1,359	0	0	1,359	0	0	0	0	0	0	0
SUNY, U. Buffalo	144	1,344	0	677	0	0	0	0	0	0	667	0
U. Arkansas, Little Rock	145	1,336	0	0	0	0	0	0	0	0	1,336	0
Desert Research Institute	146	1,321	0	1,321	0	0	0	0	0	0	0	0
Old Dominion U.	147	1,319	66	156	5	244	508	48	2	0	290	0
Indiana U., Bloomington	148	1,293	220	154	380	0	492	0	47	0	0	0
U. Arkansas, Fayetteville	149	1,291	0	374	2	0	404	0	0	0	511	0
Missouri U. of Science and Technology	150	1,253	0	0	0	0	0	0	0	0	1,253	0
U. Akron	151	1,235	0	0	24	0	155	0	0	0	1,054	2
California State U., Northridge	152	1,229	0	58	11	0	240	0	0	0	920	0
Georgia State U.	153	1,184	199	0	0	0	985	0	0	0	0	0
Northeastern U.	154	1,175	23	38	0	0	707	0	0	0	407	0
San Diego State U.	155	1,126	46	111	20	0	145	0	8	0	796	0
U. Texas Medical Branch	156	1,125	0	0	1,125	0	0	0	0	0	0	0
U. Louisiana, Lafayette	157	1,041	0	59	192	0	3	0	0	0	787	0
U. Louisville	158	998	0	0	93	0	68	0	33	0	764	40
U. Oregon	159	990	0	781	48	0	54	0	107	0	0	0
Emory U.	160	970	0	0	878	0	92	0	0	0	0	0
South Dakota School of Mines and Technology	161	966	0	0	0	12	0	0	0	0	954	0
U. Missouri, Columbia	162	951	0	0	283	0	389	0	0	0	279	0
U. of the Virgin Islands	163	938	0	148	0	0	0	0	0	0	790	0
Kansas State U.	164	909	98	0	0	0	201	0	198	65	347	0
Wake Forest U.	165	888	117	0	632	0	0	0	0	0	139	0
U. California, Merced	166	860	0	7	162	0	78	0	0	0	610	3
Virginia Commonwealth U.	167	840	0	0	211	0	0	0	0	0	629	0
Eastern Virginia Medical School	168	827	0	0	827	0	0	0	0	0	0	0
Scripps Research Institute	169	806	0	0	806	0	0	0	0	0	0	0

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Portland State U.	170	783	0	212	193	0	239	0	0	0	139	0
U. Maryland Center for Environmental Science	171	769	0	237	532	0	0	0	0	0	0	0
Villanova U.	172	737	0	0	0	0	737	0	0	0	0	0
U. Rhode Island	173	736	0	573	0	0	144	0	0	0	19	0
South Dakota State U.	174	735	0	461	0	98	20	0	0	0	135	21
Boston C.	175	734	0	712	0	0	22	0	0	0	0	0
Stevens Institute of Technology	176	722	0	0	0	0	489	0	0	0	233	0
U. Mississippi	177	718	0	72	232	0	171	0	0	0	163	80
Prairie View A&M U.	178	717	0	0	106	0	0	0	0	0	611	0
Florida Atlantic U.	179	713	0	0	619	0	47	0	0	0	47	0
U. Cincinnati	180	707	0	159	295	24	147	0	0	0	82	0
New Mexico Institute of Mining and Technology	181	703	0	211	0	0	35	0	0	0	457	0
Tufts U.	182	702	0	0	0	0	226	0	0	0	476	0
U. Hartford	183	679	0	0	0	0	0	0	0	0	679	0
Southern Methodist U.	184	662	146	445	0	11	38	0	0	0	22	0
Temple U.	185	636	113	81	0	0	243	0	135	0	42	22
U. Massachusetts, Boston	186	600	0	205	280	0	0	0	0	0	0	115
Worcester Polytechnic Institute	187	598	0	0	0	161	0	0	0	0	437	0
Medical C. Wisconsin	188	596	0	0	596	0	0	0	0	0	0	0
Western Washington U.	189	587	0	443	0	0	3	0	0	101	0	40
Delaware State U.	190	565	0	60	0	0	505	0	0	0	0	0
Central Washington U.	191	564	0	103	0	0	461	0	0	0	0	0
Drexel U.	192	561	0	0	0	0	49	0	0	0	512	0
Xavier U. Louisiana	193	559	0	0	0	0	559	0	0	0	0	0
U. Nebraska, Lincoln	194	553	194	0	84	0	25	0	0	0	250	0
U. Dayton	195	546	0	126	0	0	0	0	0	0	419	1
U. Nebraska, Omaha	196	545	0	0	25	0	0	0	0	0	520	0
U. Texas Health Science Center, Houston	197	535	0	0	535	0	0	0	0	0	0	0
Naval Postgraduate School	198	528	0	144	0	0	0	0	0	0	384	0
Bowie State U.	199	525	525	0	0	0	0	0	0	0	0	0
U. North Texas, Denton	200	511	200	0	0	0	18	0	16	0	277	0
Wesleyan U.	201	508	0	341	0	0	167	0	0	0	0	0
U. Illinois, Chicago	202	500	3	374	0	0	51	0	0	0	72	0
U. Texas M. D. Anderson Cancer Center	203	485	0	0	485	0	0	0	0	0	0	0

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Franklin and Marshall C.	204	471	0	0	463	0	8	0	0	0	0	0
Ohio U.	204	471	0	0	265	0	0	0	0	0	205	1
SUNY, U. Albany	206	449	0	331	0	0	0	0	0	0	118	0
Christopher Newport U.	207	437	0	0	0	0	0	0	0	0	437	0
Western Michigan U. and Homer Stryker M.D. School of Medicine	208	432	0	151	0	0	112	0	0	0	169	0
Icahn School of Medicine at Mount Sinai	209	396	0	0	396	0	0	0	0	0	0	0
Wellesley C.	210	390	0	0	0	0	0	0	0	0	390	0
Illinois Institute of Technology	211	386	0	11	0	0	0	0	0	0	375	0
Florida A&M U.	212	384	0	0	10	0	0	0	0	0	374	0
California State U., San Marcos	213	370	0	0	0	0	370	0	0	0	0	0
U. Richmond	214	365	0	365	0	0	0	0	0	0	0	0
California State U., Los Angeles	215	356	12	97	0	0	29	0	1	0	217	0
U. Alaska, Anchorage	216	351	10	0	0	0	179	0	0	8	154	0
Louisiana State U., Health Sciences Center, Shreveport	217	348	0	0	348	0	0	0	0	0	0	0
California Polytechnic State U., San Luis Obispo	218	334	155	0	27	0	41	0	33	0	78	0
Tulane U.	219	332	0	243	9	0	80	0	0	0	0	0
U. Guam	220	303	0	172	0	0	131	0	0	0	0	0
Wayne State U.	221	291	0	0	0	0	165	0	0	0	126	0
East Carolina U.	222	277	0	277	0	0	0	0	0	0	0	0
Louisiana Tech U.	223	276	12	0	48	2	26	2	0	0	186	0
U. Colorado Denver ^d	224	267	0	0	0	0	0	0	0	0	219	48
U. Wisconsin-Milwaukee	225	265	0	100	0	0	148	0	0	0	17	0
U. Puerto Rico, Medical Sciences Campus	226	264	0	264	0	0	0	0	0	0	0	0
Haverford C.	227	261	0	0	0	0	261	0	0	0	0	0
U. California, San Francisco	228	258	0	0	258	0	0	0	0	0	0	0
U. North Carolina, Charlotte	229	253	0	0	0	0	0	0	0	0	253	0
Howard U.	230	251	0	0	0	0	251	0	0	0	0	0
Saint Louis U.	230	251	0	20	0	0	46	0	0	0	185	0
Idaho State U.	232	249	0	115	0	0	126	0	0	0	8	0
Chapman U.	233	245	0	206	39	0	0	0	0	0	0	0
SUNY, C. of Environmental Science and Forestry	234	243	212	19	12	0	0	0	0	0	0	0
California State Polytechnic U., Pomona	235	239	0	0	9	0	128	0	0	0	102	0
U. Puerto Rico, Mayaguez	236	237	0	204	0	0	0	0	0	0	33	0
Miami U.	237	235	0	17	0	0	0	0	218	0	0	0

TABLE 63

Federally financed higher education R&D expenditures, financed by the National Aeronautics and Space Administration, ranked by NASA R&D expenditures, by R&D field: FY 2022

(Dollars in thousands)

Institution	Rank	NASA R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields					
Kent State U.	272	156	0	72	0	0	75	0	0	0	9	0					
Montclair State U.	273	153	0	121	0	0	32	0	0	0	0	0					
Creighton U.	274	151	i	8	i	0	29	i	1	i	1	0	i	2	i		
U. Denver	275	150	0	0	113	0	37	0	0	0	0	0					
Clarkson U.	276	148	0	0	32	0	0	0	0	0	105	11					
U. Arkansas for Medical Sciences	277	145	0	0	145	0	0	0	0	0	0	0					
U. Tulsa	278	142	0	43	0	0	57	0	0	0	42	0					
Hope C.	279	140	0	0	20	17	41	0	0	0	62	0					
Alabama A&M U.	280	134	i	5	i	0	18	i	0	i	6	6	i	57	i	4	i
CUNY, Advanced Science Research Center	281	132	0	0	0	0	36	0	0	0	96	0					
Amherst C.	282	131	0	131	0	0	0	0	0	0	0	0					
U. North Carolina, Wilmington	283	130	0	104	0	0	26	0	0	0	0	0					
Oregon Health and Science U.	284	128	0	0	128	0	0	0	0	0	0	0					
SUNY, Polytechnic Institute	285	126	0	0	0	0	0	0	0	0	126	0					
Southern Illinois U., Carbondale	286	125	0	84	14	0	0	0	0	0	27	0					
Northern Illinois U.	287	124	0	48	0	0	0	0	0	0	76	0					
Marquette U.	288	122	0	0	0	0	93	0	0	0	29	0					
U. Washington, Tacoma	289	118	0	0	0	0	0	0	0	0	118	0					
Marshall U.	290	116	5	0	73	0	27	0	0	0	11	0					
North Dakota State U.	291	115	0	0	0	0	0	0	0	0	115	0					
Swarthmore C.	292	112	0	0	0	0	112	0	0	0	0	0					
C. New Jersey	293	111	0	0	0	0	19	0	0	0	89	3					
Missouri State U.	294	109	0	52	0	0	57	0	0	0	0	0					
Franklin W. Olin C. of Engineering	295	106	0	0	0	0	0	0	0	0	106	0					
Southern Connecticut State U.	295	106	0	0	0	0	106	0	0	0	0	0					
Drake U.	297	105	1	0	76	0	0	0	0	0	0	28					
U. San Francisco	298	102	0	0	0	0	102	0	0	0	0	0					
Northern Kentucky U.	299	100	0	0	0	0	100	0	0	0	0	0					
Winston-Salem State U.	299	100	0	0	100	0	0	0	0	0	0	0					
California State U., San Bernardino	301	99	0	0	48	0	51	0	0	0	0	0					
Bowdoin C.	302	95	0	70	5	0	20	0	0	0	0	0					
U. Hawaii, Hilo	303	92	0	0	45	0	47	0	0	0	0	0					
Clark Atlanta U.	304	91	0	0	0	91	0	0	0	0	0	0					
James Madison U.	305	89	0	0	0	0	89	0	0	0	0	0					

TABLE 63

Federally financed higher education R&D expenditures, financed by the National Aeronautics and Space Administration, ranked by NASA R&D expenditures, by R&D field: FY 2022

(Dollars in thousands)

Institution	Rank	NASA R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields	
Pomona C.	305	89	0	46	0	0	43	0	0	0	0	0	
Louisiana State U., Health Sciences Center, New Orleans	307	88	0	0	88	0	0	0	0	0	0	0	
U. Northern Iowa	307	88	0	0	0	0	88	0	0	0	0	0	
Central Connecticut State U.	309	87	0	0	0	0	58	0	0	0	29	0	
Jackson State U.	310	86	30	0	18	21	1	0	0	0	16	0	
Thomas Jefferson U.	311	85	0	0	85	0	0	0	0	0	0	0	
Tuskegee U.	312	80	0	0	2	0	0	0	0	0	78	0	
U. North Florida	312	80	0	0	50	0	18	0	0	0	12	0	
South Carolina State U.	314	78	i	0	i	0	i	0	i	0	i	0	i
SUNY, Geneseo	314	78	0	68	0	0	10	0	0	0	0	0	
Bowling Green State U.	316	75	0	75	0	0	0	0	0	0	0	0	
DePaul U.	316	75	0	0	0	0	0	0	0	0	0	75	
U. Massachusetts, Dartmouth	316	75	0	1	0	0	74	0	0	0	0	0	
U. Central Arkansas	319	74	0	0	6	0	45	0	23	0	0	0	
Citadel Military C. South Carolina	320	72	0	0	0	15	43	0	0	0	14	0	
U. Southern Maine	320	72	0	0	0	0	0	0	0	0	72	0	
U.S. Naval Academy	320	72	0	0	0	0	72	0	0	0	0	0	
Barnard C.	323	70	0	70	0	0	0	0	0	0	0	0	
Eastern Michigan U.	323	70	0	0	0	9	61	0	0	0	0	0	
Rush U.	323	70	0	0	70	0	0	0	0	0	0	0	
SUNY, C. Brockport	323	70	0	0	0	0	70	0	0	0	0	0	
Youngstown State U.	327	69	0	0	0	0	22	0	0	0	47	0	
New Mexico Highlands U.	328	66	i	2	i	50	i	4	i	0	i	0	i
Middlebury C.	329	65	0	0	0	0	65	0	0	0	0	0	
Florida Gulf Coast U.	330	64	0	0	0	0	0	0	0	0	64	0	
Grand Valley State U.	330	64	8	37	15	1	1	0	0	0	0	2	
Rockefeller U.	330	64	0	0	64	0	0	0	0	0	0	0	
U. Hawaii, system office	330	64	0	64	0	0	0	0	0	0	0	0	
Augustana U.	334	59	0	0	0	0	59	0	0	0	0	0	
Loyola U., Chicago	335	57	0	0	0	0	57	0	0	0	0	0	
Mount Holyoke C.	336	56	0	0	0	0	56	0	0	0	0	0	
Texas A&M U.-Commerce	336	56	0	0	0	0	56	0	0	0	0	0	
Clark U.	338	53	0	53	0	0	0	0	0	0	0	0	
Occidental C.	338	53	i	0	i	0	i	0	i	0	i	0	i

TABLE 63

Federally financed higher education R&D expenditures, financed by the National Aeronautics and Space Administration, ranked by NASA R&D expenditures, by R&D field: FY 2022

(Dollars in thousands)

Institution	Rank	NASA R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
CUNY, C. Staten Island	340	52	0	0	52	0	0	0	0	0	0	0
Fort Lewis C.	341	51	0	0	0	0	0	0	0	0	51	0
Indiana U.-Purdue U., Indianapolis	341	51	29	22	0	0	0	0	0	0	0	0
Fisk U.	343	50	0	0	0	0	50	0	0	0	0	0
Plymouth State U.	343	50	0	50	0	0	0	0	0	0	0	0
U. New Haven	343	50	0	0	32	0	0	0	0	0	18	0
Lafayette C.	346	49	0	0	0	0	49	0	0	0	0	0
Alaska Pacific U.	347	48	0	48	0	0	0	0	0	0	0	0
U. Nebraska, Medical Center	348	47	0	0	47	0	0	0	0	0	0	0
U. Central Oklahoma	349	43 i	1 i	0 i	25 i	0 i	9 i	0 i	0 i	0 i	8 i	0 i
CUNY, York C.	350	42	0	42	0	0	0	0	0	0	0	0
U. South Dakota	351	41	0	0	41	0	0	0	0	0	0	0
Utah Valley U.	351	41	0	0	0	0	41	0	0	0	0	0
Texas Christian U.	353	39	0	0	0	0	39	0	0	0	0	0
Williams C.	353	39 i	0 i	14 i	10 i	0 i	15 i	0 i	0 i	0 i	0 i	0 i
Central Michigan U.	355	38	0	38	0	0	0	0	0	0	0	0
Furman U.	355	38	0	18	19	0	1	0	0	0	0	0
Indiana State U.	355	38	0	0	0	0	2	0	0	0	36	0
Tennessee State U.	355	38	0	0	0	0	0	0	0	0	38	0
U.S. Air Force Academy	359	37	0	0	0	0	0	0	0	0	37	0
Oakland U.	360	36	0	0	0	0	14	0	0	0	22	0
California State U., Long Beach	361	34	0	5	0	0	0	0	22	0	7	0
Tougaloo C.	361	34 i	1 i	0 i	20 i	0 i	10 i	1 i	0 i	0 i	0 i	2 i
U. North Carolina, Asheville	361	34	0	0	23	0	9	0	0	0	0	2
West Chester U. Pennsylvania	364	33	0	0	0	0	33	0	0	0	0	0
Pittsburg State U.	365	32	0	0	0	0	0	0	0	0	32	0
U. Wisconsin-Green Bay	365	32 i	0 i	17 i	1 i	0 i	5 i	2 i	0 i	0 i	6 i	1 i
Appalachian State U.	367	31	0	0	0	0	31	0	0	0	0	0
Purdue U., Northwest	367	31	0	0	0	0	10	0	0	0	21	0
Trinity U.	369	30	27	0	0	0	3	0	0	0	0	0
U. Houston-Clear Lake	369	30	0	0	0	0	25	0	0	0	5	0
U. Oklahoma, Tulsa	369	30	0	0	0	0	0	0	0	0	30	0
Abilene Christian U.	372	29	0	0	0	0	0	0	0	0	29	0
Macalester C.	372	29	0	0	0	0	29	0	0	0	0	0

TABLE 63

Federally financed higher education R&D expenditures, financed by the National Aeronautics and Space Administration, ranked by NASA R&D expenditures, by R&D field: FY 2022

(Dollars in thousands)

Institution	Rank	NASA R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Towson U.	372	29	0	0	0	0	29	0	0	0	0	0
U. of the Pacific	372	29	0	0	0	0	29	0	0	0	0	0
Union C., Schenectady	372	29	0	0	0	0	29	0	0	0	0	0
Virginia Military Institute	372	29	0	0	0	0	0	0	0	0	29	0
Carleton C.	378	28	0	0	0	0	28	0	0	0	0	0
Ithaca C.	378	28	0	0	0	0	28	0	0	0	0	0
Southeastern Louisiana U.	378	28	0	0	0	0	22	0	0	0	6	0
Georgia Southern U.	381	26	0	0	0	0	26	0	0	0	0	0
St. Edward's U.	381	26	0	0	0	0	26	0	0	0	0	0
Mercer U.	383	25	0	0	0	0	0	0	0	0	25	0
U. Alaska, Southeast	383	25	0	0	0	0	25	0	0	0	0	0
U. North Carolina, Greensboro	383	25	0	0	25	0	0	0	0	0	0	0
California State U., East Bay	386	24	0	0	0	0	24	0	0	0	0	0
Hamilton C.	386	24	0	0	0	0	0	24	0	0	0	0
Central State U.	388	23	0	14	0	0	0	0	0	0	9	0
Spelman C.	388	23	0	0	23	0	0	0	0	0	0	0
Sul Ross State U.	388	23	0	16	6	0	0	1	0	0	0	0
Reed C.	391	22	1	0	12	0	8	1	0	0	0	0
U. Nebraska, Kearney	391	22	0	0	1	0	21	0	0	0	0	0
Kennesaw State U.	393	21	0	0	0	0	0	0	0	0	0	21
U. Louisiana, Monroe	393	21	0	21	0	0	0	0	0	0	0	0
U. Missouri, Saint Louis	393	21	0	0	0	0	21	0	0	0	0	0
Ball State U.	396	20	0	0	20	0	0	0	0	0	0	0
Gallaudet U.	396	20	0	0	0	0	20	0	0	0	0	0
Colby C.	398	19	0	0	0	0	19	0	0	0	0	0
U. Puerto Rico, Cayey	398	19	0	0	0	0	19	0	0	0	0	0
Air Force Institute of Technology	400	18	0	18	0	0	0	0	0	0	0	0
Hobart and William Smith Colleges	400	18	0	0	0	0	18	0	0	0	0	0
Minnesota State U., Mankato	400	18	0	0	0	0	18	0	0	0	0	0
Purdue U., Fort Wayne	400	18	0	0	0	0	0	0	0	0	1	17
Suffolk U.	400	18	0	0	0	0	0	0	0	0	18	0
California State U., Maritime Academy	405	17	0	17	0	0	0	0	0	0	0	0
East Tennessee State U.	405	17	0	0	0	0	17	0	0	0	0	0
Oregon Institute of Technology	405	17	0	12	5	0	0	0	0	0	0	0

TABLE 63

Federally financed higher education R&D expenditures, financed by the National Aeronautics and Space Administration, ranked by NASA R&D expenditures, by R&D field: FY 2022

(Dollars in thousands)

Institution	Rank	NASA R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
Johnson C. Smith U.	441	2	0	0	0	2	0	0	0	0	0	0
Alcorn State U.	443	1 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	0 i	1 i
Milwaukee School of Engineering	443	1	0	0	0	0	0	0	0	0	1	0
North Carolina Central U.	443	1	0	0	0	0	0	0	0	0	1	0
SUNY, Binghamton U.	443	1	0	0	0	0	0	0	0	0	1	0
U. Wisconsin-Superior	443	1	0	0	1	0	0	0	0	0	0	0

i = imputed.

NASA = National Aeronautics and Space Administration; nec = not elsewhere classified; S&E = science and engineering.

^a Johns Hopkins University includes the Applied Physics Laboratory, with \$414,355 thousand in R&D expenditures financed by NASA in FY 2022.^b The University of Maryland includes expenditures from the University of Maryland, Baltimore and University of Maryland, College Park campuses. In FY 2019, the two campuses began reporting as one research unit to reflect their new strategic partnership. This relationship was codified through the University of Maryland Strategic Partnership Act passed by the Maryland General Assembly in 2016. Prior to FY 2019, both campuses reported to the survey as separate institutions.^c The University of South Florida includes expenditures from the University of South Florida, Tampa; University of South Florida, Saint Petersburg; and University of South Florida, Sarasota-Manatee campuses. Due to the consolidation of the three campuses that occurred on 1 July 2020, University of South Florida, Saint Petersburg and University of South Florida, Sarasota-Manatee began reporting with the University of South Florida, Tampa as the University of South Florida. Prior to FY 2021, all three campuses reported to the survey as separate institutions.^d The University of Colorado Denver and University of Colorado Anschutz Medical Center report to the survey separately. Prior to FY 2021, expenditures were reported together under University of Colorado Denver and Anschutz Medical Campus.**Note(s):**

Institutions reporting zero expenditures in ranked total for FY 2022 are not listed in this table. Tied institutions are ranked alphabetically. Ranked institutions are geographically separate campuses headed by a campus-level president or chancellor. Some campuses are part of large, multi-campus universities; some are part of state university systems. For a complete list of campuses that belong to a larger university or system and their aggregate R&D expenditures, see table 6.

Source(s):

National Center for Science and Engineering Statistics, Higher Education Research and Development Survey, FY 2022.